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# PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

## In Re Application of

Li, et al.

**Serial No. 10/034,734**

**Filed: December 21, 2001**

**For: Direct Conversion Receiver Architecture**

Group No. 2681

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## INFORMATION DISCLOSURE STATEMENT

**Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
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Dear Sir:

Applicants submit herewith, in accordance with 37 CFR § 1.98, the patents, publications and other information listed on the enclosed Form PTO-1449.

**CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))**

**I hereby certify that this correspondence is, on the date shown below, being:**

## MAILING

☐ deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to the Commissioner for Parents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date:

**FACSIMILE**

☒ transmitted by facsimile to the Patent and Trademark Office.

Depositor's Name: Darla Kasmado

(type or print name)

**Signature:**

The references submitted herewith are those of which Applicants are aware, which they believe may be material to the examination of this application and, with respect to which there may be a duty to disclose in accordance with 37 CFR § 1.56. While the references identified may be material to the examination of this application pursuant to 37 CFR § 1.56, the citation of these references is not intended to constitute an admission that any reference referred to herein is prior art to the invention of this application, unless specifically designated as such. Additionally, the filing of this Information Disclosure Statement shall not be construed to mean that any search has been made or, that if made, such search was complete or exhaustive, or that no other material information as defined in 37 CFR § 1.56 exists.

In accordance with 37 CFR § 1.97(b)(3), this Information Disclosure Statement is being submitted before mailing of the first Office Action on the merits.

A list of the references is set forth on Form PTO-1449, which is enclosed herewith, along with a copy of each cited reference (copies of U.S. references are not enclosed). Applicants respectfully request that the Examiner return to Applicants a copy of the Form PTO-1449 indicating consideration of the references cited thereon.

Applicants do not believe that any fees are due. If, however, it is determined that fees are owed, Applicants hereby authorize that such fees be charged to Deposit Account No. 17-0026.

Respectfully submitted,

Dated: 9/13/04

By: 

George C. Pappas, Reg. No. 35,065  
858-651-1306

QUALCOMM Incorporated  
Attn: Patent Department  
5775 Morehouse Drive  
San Diego, California 92121-1714  
Telephone: (858) 658-5787  
Facsimile: (858) 658-2502

STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 010161	SERIAL NO. 10/034,734
	APPLICANT Li, et al.	
	FILING DATE December 21, 2001	GROUP 2681

DATE MAILED: September 13, 2004

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
	A1	2 0 0 2 0 1 1 1 1 5 2	08/15/02	Razavi			
	A2	2 0 0 2 0 1 6 0 7 3 4	10/31/02	Li, et al.			
	A3	2 0 0 3 0 0 1 3 4 1 9	01/16/03	Razavi			
	A4	2 0 0 1 0 0 2 4 4 8 1	09/27/01	Lee			
	A5	2 0 0 1 0 0 4 9 2 6 7	12/06/01	Takalo			
	A6	2 0 0 2 0 0 3 7 7 0 6	03/28/02	Ichihara			
	A7	2 0 0 2 0 0 9 7 0 8 1	07/25/02	Razavi			

EXAMINE R INITIAL	Ref No	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
	A8	5 0 9 5 5 3 3	03/10/92	Loper			
	A9	5 1 7 9 7 3 0	01/12/93	Loper			
	A10	5 2 6 3 1 9 4	11/16/93	Ragan			
	A11	5 4 2 2 8 8 9	06/06/95	Sevenhans, et al.			
	A12	5 8 9 8 9 1 2	04/27/99	Heck, et al.			
	A13	6 0 1 8 5 5 3	01/25/00	Sanielevici, et al.			
	A14	6 0 3 8 2 6 8	03/14/00	Kawai			
	A15	6 2 0 5 1 8 3	03/20/01	Dent			
	A16	6 2 4 3 5 6 9	06/05/01	Atkinson			
	A17	6 2 7 5 5 4 3	08/14/01	Petrus, et al.			
	A18	6 3 6 6 6 2 2	04/02/02	Brown, et al.			
	A19	6 4 4 2 3 8 3	08/27/02	Lemmura			

## FOREIGN PATENT DOCUMENTS

EXAMINE R INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
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## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

	C1	
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EXAMINER		DATE CONSIDERED
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	010161	10/034,734
	APPLICANT	
	Li, et al.	
DATE MAILED: September 13, 2004	FILING DATE	GROUP
	December 21, 2001	2681

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
	A20	6 4 5 9 8 8 9	10/01/02	Ruelke			
	A21	6 4 9 8 9 2 9	12/24/02	Tsurumi, et al.			
	A22	6 5 0 9 7 7 7	01/21/03	Razavi, et al.			
	A23	6 5 1 6 1 8 5	02/04/03	MacNally			
	A24	6 5 3 5 5 6 0	03/18/03	Masenten			
	A25	6 6 0 0 9 1 1	07/29/03	Morishige, et al.			
	A26	6 6 5 4 5 9 3	11/25/03	Simmons, et al.			
	A27	6 6 5 4 5 9 4	11/25/03	Hughes, et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINE R INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
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## *Facsimile Transmittal*

**DATE:** September 13, 2004

**TO:** USPTO

**ATTN:** BOX: INFORMATION DISCLOSURE STATEMENT

**RE:** Serial No. 10/403,734

**FAX :** (703) 872-9306

**FROM:** George C. Pappas

**Number of Pages Sent:** 4 (including this transmittal cover sheet)

ATTACHED HERETO IS AN INFORMATION DISCLOSURE  
STATEMENT IN (2) PAGES; PTO-1449; ONE (1) REFERENCE.  
PLEASE CALL ME IF YOU HAVE ANY QUESTIONS.

I hereby certify that this correspondence is being sent VIA FACSIMILE to the Commissioner of Patents at fax number (703) 872-9306. Attention Office of Amendments, on:

9/13/04  
(Date of Deposit)

Daria D. Kasmedo  
(Name of the Person Making the Deposit)

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